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(54) Title: ORGANIC SILVER COMPOUND AND IT'S PREPARATION METHOD, ORGANIC SILVER INK AND IT'S DIRECT WIRING METHOD

(57) Abstract: The present invention is to manufacture the organic silver solution by dissolving silver oxide in an organic solvent, and further provide an ink enabling a conductive circuit to be formed by applying it to an inkjet printer. Also, it is to provide a method for forming a conductive circuit on various substrates by printing it through the inkjet printer using the manufactured ink and further heat-treating it. The organic silver solution, a composition according to the present invention, can be manufactured by dissolving silver oxide in an amine-based compound and a lactone-based compound (or a lactam-based compound, a carbonate-based compound, a cyclic acid anhydride-based compound) by reacting the former on the latter, and in order to ensure the appropriate liquid fluidity for the inkjet printer, the ink was manufactured by adding an organic solvent, such as alcohol, a surfactant and the like thereto.